

C. A. FULLER.
Cake Washing-Machines.

No. 147,761.

Patented Feb. 24, 1874.

Fig. 1.

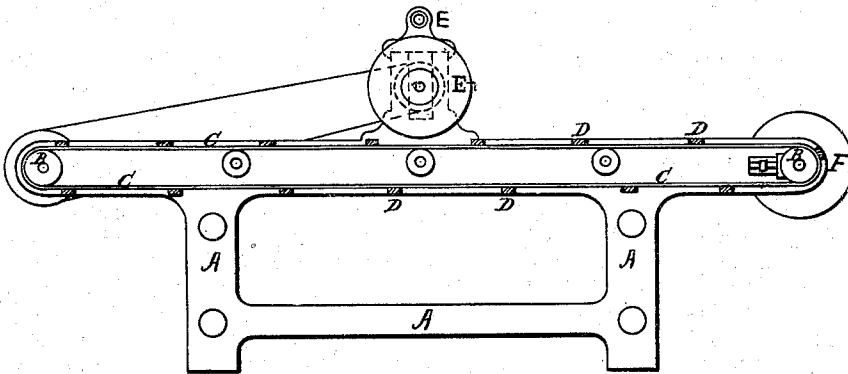
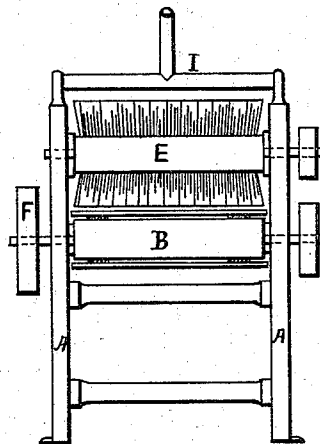


Fig. 2.



Witnesses.

Thos. I. Crane.
Wm R. Sands.

Inventor.

C. A. Fuller

UNITED STATES PATENT OFFICE.

CARRINGTON A. FULLER, OF NEWARK, NEW JERSEY.

IMPROVEMENT IN CAKE-WASHING MACHINES.

Specification forming part of Letters Patent No. **147,761**, dated February 24, 1874; application filed December 27, 1873.

To all whom it may concern:

Be it known that I, CARRINGTON A. FULLER, of Newark, Essex county, New Jersey, have invented certain Improvements in Cake-Machinery, of which the following is a specification:

My invention is designed to perform a certain operation mechanically which has hitherto been done entirely by manual labor. A certain class of cakes, like ginger-snaps, are commonly wet or washed upon their upper surface before baking to remove any flour that might be adherent, and to cause a certain gloss that is preferred upon such cakes. This operation is generally performed by dipping a large flat brush in water, and applying to the cakes as they lie on the pan ready for the oven.

For this purpose I have invented an arrangement consisting of a wet brush and traveling-apron, made of two belts with cross-slats, which might be made to form a part of the cake-machine, but which I have preferred to construct separately, because many sweet cakes are made upon a cake-machine that do not require this washing. The arrangement, however, is one that naturally acts in combination with a cake-machine.

Reference to the drawing will show the nature of the machine as described.

In the drawing, Figure 1 is a sectional side view of the cake-washing machine, and Fig. 2 an end view of the same.

The same letters refer to the same parts in all the views.

A is a frame arranged to carry rollers B B, apron or carrier C, composed of belts and slats D, and a revolving brush, E, adjustable above the surface of the apron. A driving-

pulley, F, receives the power to drive the machine, and a belt, H, conveys the motion to the brush E. Above the brush is shown a perforated pipe or trough, I, containing water to wet the brush E.

When the machine is set in motion the water falls upon the brush as it revolves. The apron or carrier carries the pans of cake beneath the brush, and, after wetting, they are delivered, by the continuous motion of the carrier, to an attendant to place in the oven or upon racks.

It is obvious that a canvas belt or apron could be used as a carrier, but water shrinks it injuriously.

A self-feeding stationary brush, like a broad whitewash-brush, could also be used instead of a revolving brush to wash or wet the surface of the cakes.

The whole device could either be constructed separately, (in which case it can be used to wash hand-made cakes,) or form a part of a cake making and panning machine.

I am aware that brushes have been used before in combination with traveling-aprons, and I do not, therefore, make any claim to them apart from the other device shown; but

What I claim, and desire to secure by Letters Patent, is—

In a cake-washing machine, the combination, with an endless apron, C, and brush E, of the water-supply pipe or trough I, as and for the purposes specified.

C. A. FULLER.

Witnesses:

FREDK. K. DAY,
THOS. S. CRANE.